

King County DNRP Water Quality Index

STATION **SNODUVALL** WATER YEAR **2014**

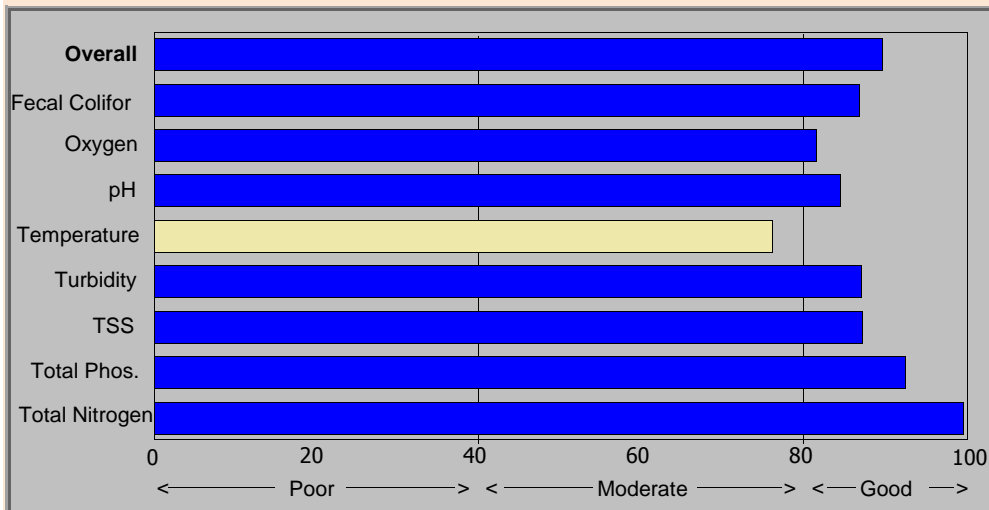
GAUGE # **53aa** **Snoqualmie River @ Taylor Landing**

Overall Index **90**

King County monitors water quality in the Snoqualmie River in Duvall a little downstream of NW Woodinville Duvall Rd. Sampling at this station began in 2011. The Snoqualmie River is formed by its North, Middle, and South Forks which drain the west slope of the Cascade Mountains in eastern King County. After the confluence of these steep headwater streams the Snoqualmie enters the broad Snoqualmie River Valley that contains the communities of North Bend, Snoqualmie, Fall City, Carnation, and Duvall as well as significant agriculture operations. As a result, TMDLs for temperature, dissolved oxygen, and bacteria were developed for the Snoqualmie between the confluences of its three forks and the King County sampling station in Duvall.

Annual Water Quality Index Scores

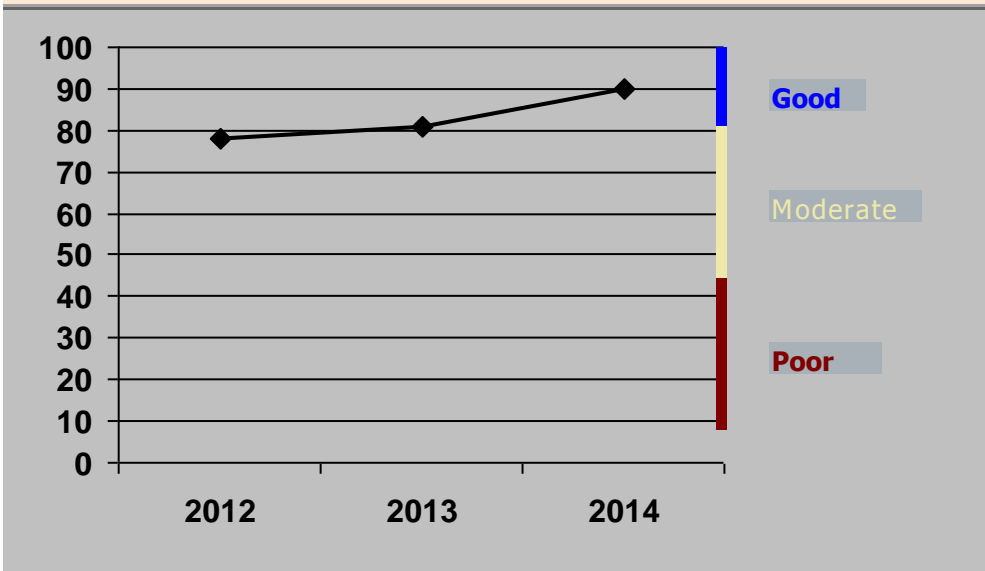
Water quality was GOOD based on data collected 10/1/2013 to 9/30/2014.



Monthly Scores For Water Year 2014

Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
97	96	97	95	98	95	98	94	95	92	84	93

WQI Score Comparison By Water Year



About The Water Quality Index:

The Water Quality Index (WQI) score is a unit-less number ranging from 10 to 100: the higher the number, the higher the water quality. Scores are calculated from data collected during the monthly routine sampling. For temperature, pH, fecal coliform bacteria, turbidity, and dissolved oxygen, the index expresses results relative to levels required to maintain beneficial uses according to criteria in Washington's Water Quality Standards, WAC 173-201A. For nutrient and sediment measures where there are no standard, results are expressed relative to guidelines for this eco-region. Results from the eight parameters are aggregated over time to produce a single score for each sample station. In general, stations scoring 80 and above did not fail water quality standards or guidelines and are of "low concern", scores 40 to 80 indicate "moderate concern", and water quality at stations with scores below 40 are of "high concern". For more information about the WQI please visit

For more information about this creek please visit our website at <http://green.kingcounty.gov/WLR/Waterres/StreamsData/streamlist.aspx>

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